BAFTER®

SKIMMERS

SKIMMER SELECTION TABLE

ORDER BY SKIMMER SIZE AND ORIFICE SIZE

	FLOW RATE GPM	CFS	VOL. DRAINED IN 24 HOURS ± (1 DAY)	VOL. DRAINED IN 48 HOURS ± (2 DAYS)	VOL. DRAINED IN 72 HOURS ± (3 DAYS)	VOL. DRAINED IN 96 HOURS ± (4 DAYS)	VOL. DRAINED IN 120 HOURS ± (5 DAYS)
2" Skimmer							
WITH 0.75" ORIFICE	7.9 gpm	(.018 cfs)	1,555	3,110	4,666	6,221	7,776
WITH 1.00" ORIFICE	10.8 gpm	(.024 cfs)	2,074	4,148	6,221	8,294	10,368
WITH 1.50" ORIFICE	18.6 gpm	(.041 cfs)	3,542	7,084	10,627	14,170	17,712
WITH NO ORIFICE	21.4 gpm	(.048 cfs)	4,147	8,294	12,442	16,589	20,736
3" Skimmer							
WITH 2.00" ORIFICE	24.0 gpm	(.053 cfs)	4,579	9,158	13,737	18,317	22,896
WITH 2.25" ORIFICE	30.8 gpm	(.069 cfs)	5,962	11,924	17,885	23,846	29,808
WITH 2.50" ORIFICE	34.1 gpm	(.076 cfs)	6,566	13,132	19,699	26,266	32,832
WITH 2.75" ORIFICE	38.8 gpm	(.086 cfs)	7,430	14,860	22,291	29,722	37,152
WITH NO ORIFICE	45.1 gpm	(.100 cfs)	8,640	17,280	25,920	34,560	43,200
4" Skimmer							
WITH 2.75" ORIFICE	49.8 gpm	(.111 cfs)	9,590	19,180	28,770	38,362	47,952
WITH 3.00" ORIFICE	57.5 gpm	(.128 cfs)	11,059	22,118	33,177	44,237	55,296
WITH 3.25" ORIFICE	62.0 gpm	(.138 cfs)	11,923	23,846	35,769	47,693	59,616
WITH 3.50" ORIFICE	70.6 gpm	(.157 cfs)	13,565	27,130	40,695	54,259	67,824
6" Skimmer							
WITH 4.00" ORIFICE	158.2 gpm	(.361 cfs)	31,190	62,380	93,570	124,762	155,952
WITH 4.50" ORIFICE	206.6 gpm	(.460 cfs)	39,744	79,488	119,232	158,976	198,720
WITH 5.00" ORIFICE	261.2 gpm	(.582 cfs)	50,285	100,570	150,855	201,139	251,424
WITH 5.50" ORIFICE	390.5 gpm	(.870 cfs)	75,168	150,336	225,504	300,672	375,840
8" Skimmer							
WITH 6.00" ORIFICE	419.7 gpm	(.935 cfs)	80,784	161,568	242,352	323,136	403,920
WITH 6.50" ORIFICE	512.1 gpm	(1.141 cfs)	98,582	197,164	295,747	394,330	492,912
WITH 7.00 " ORIFICE	736.2 gpm	(1.640 cfs)	141,696	283,392	425,088	566,784	708,480
WITH 7.50" ORIFICE	797.4 gpm	(1.777 cfs)	153,533	307,066	460,598	614,131	767,664

NOTE:

± VOLUMES DRAINED ARE IN CUBIC FEET AND BASED ON AN AVERAGE POND DEPTH OF 3 FEET.